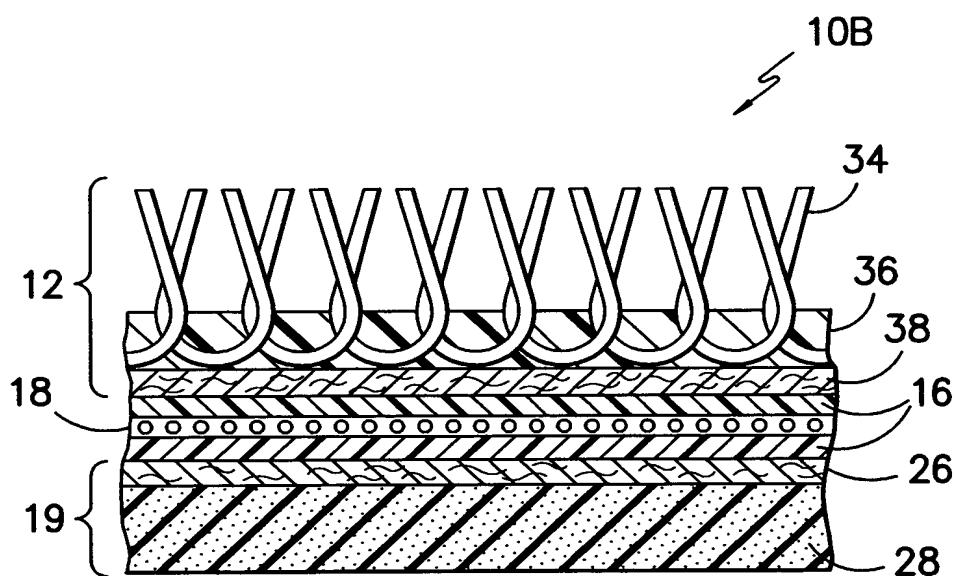
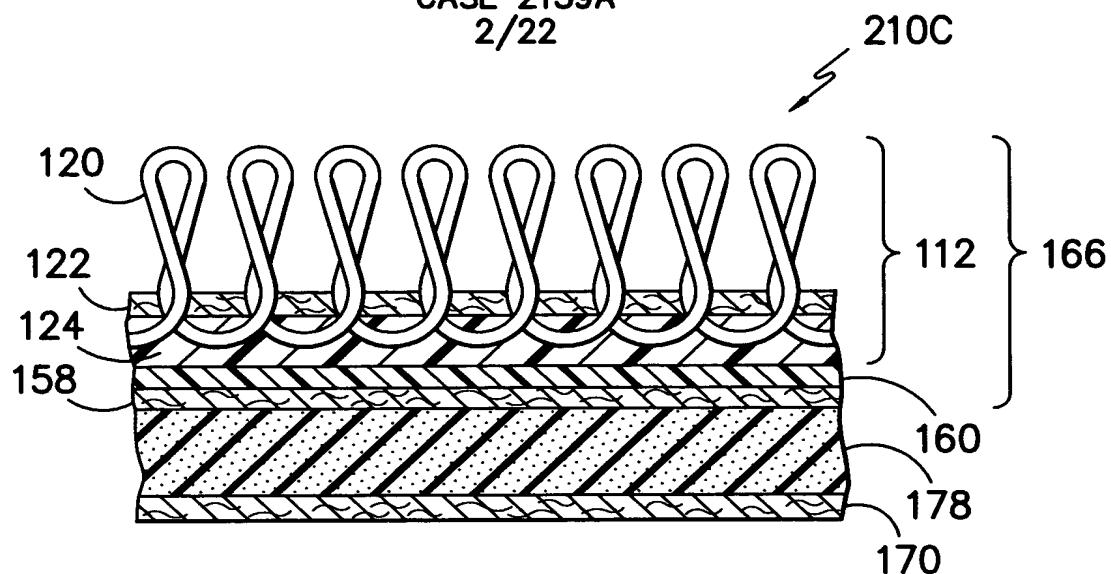


*FIG. -1A-*

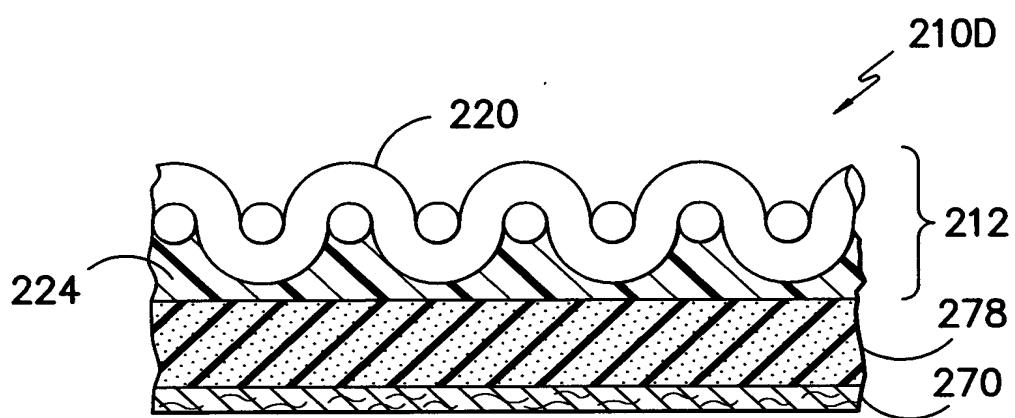


*FIG. -1B-*

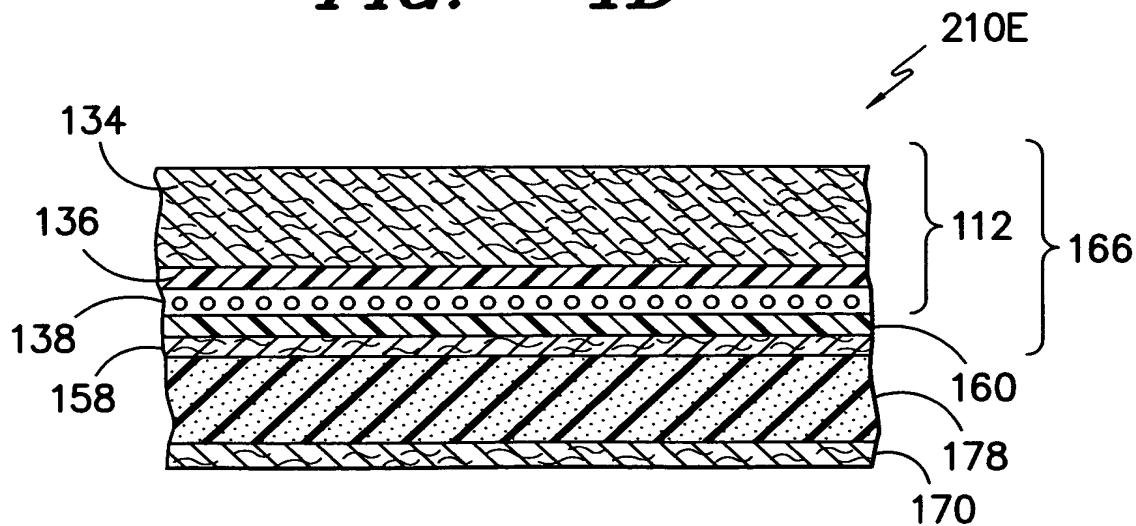
CASE 2159A  
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*FIG. -1C-*



*FIG. -1D-*



*FIG. -1E-*

CASE 2159A  
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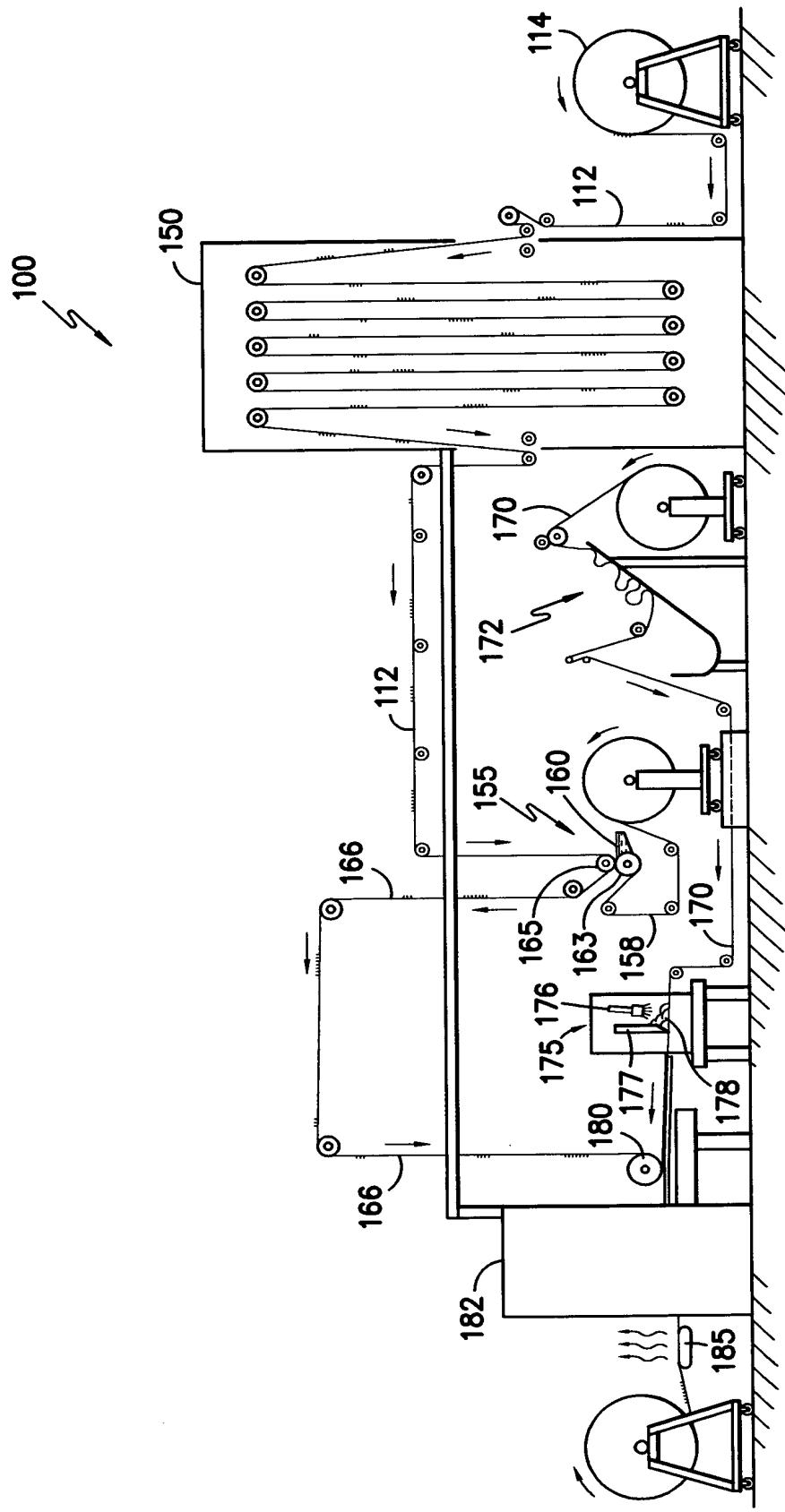


FIG. -2-

CASE 2159A  
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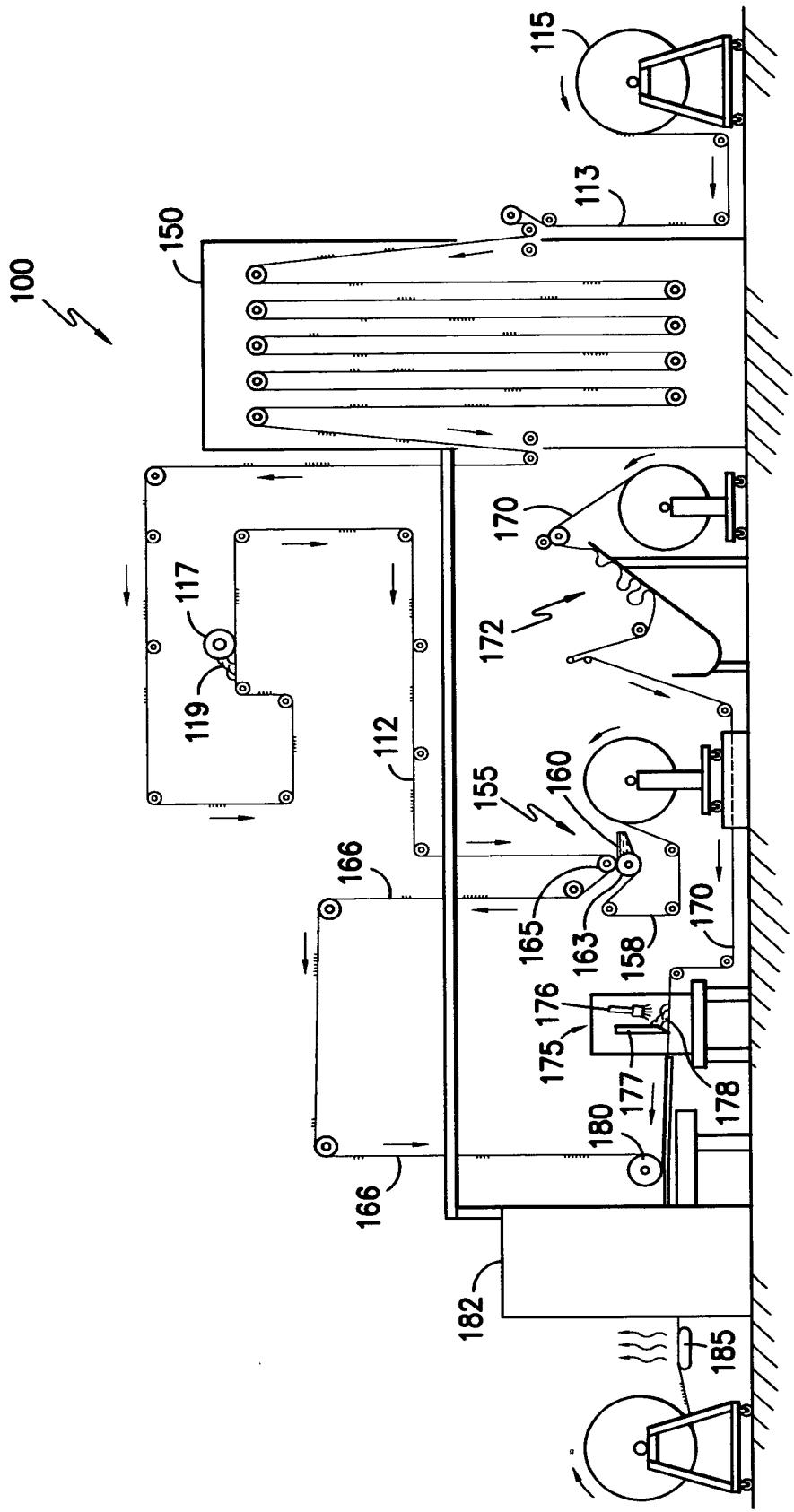
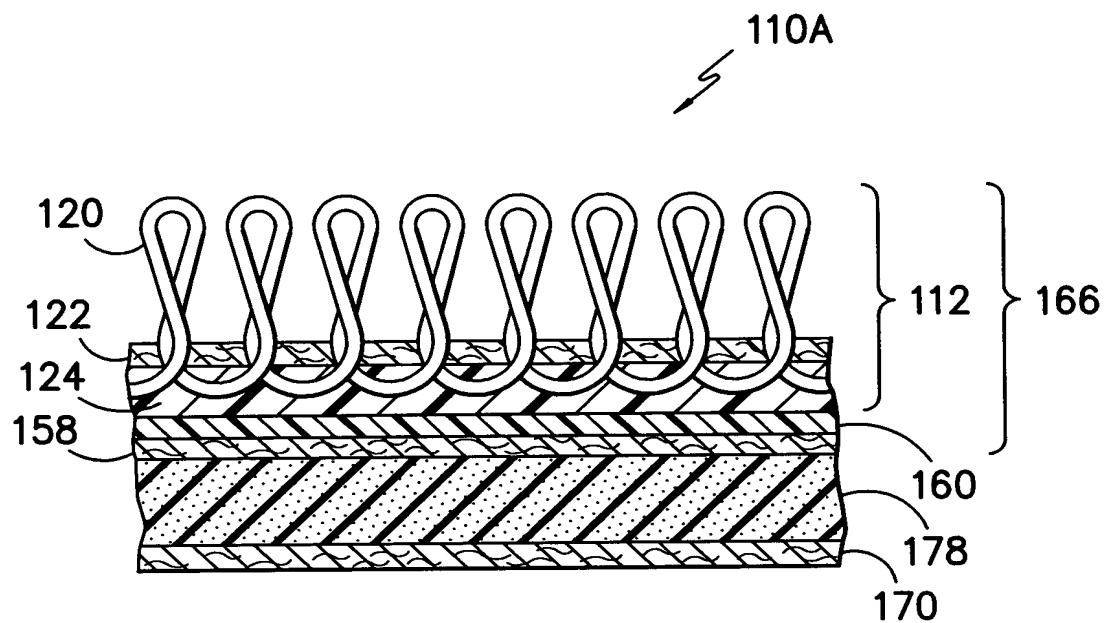
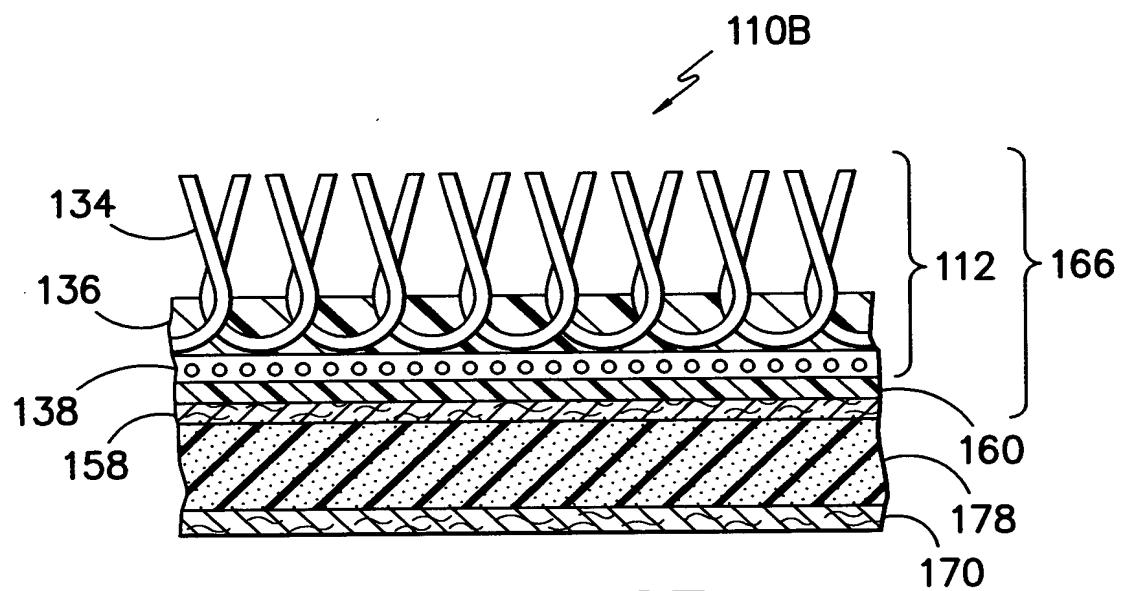


FIG. -2A-

CASE 2159A  
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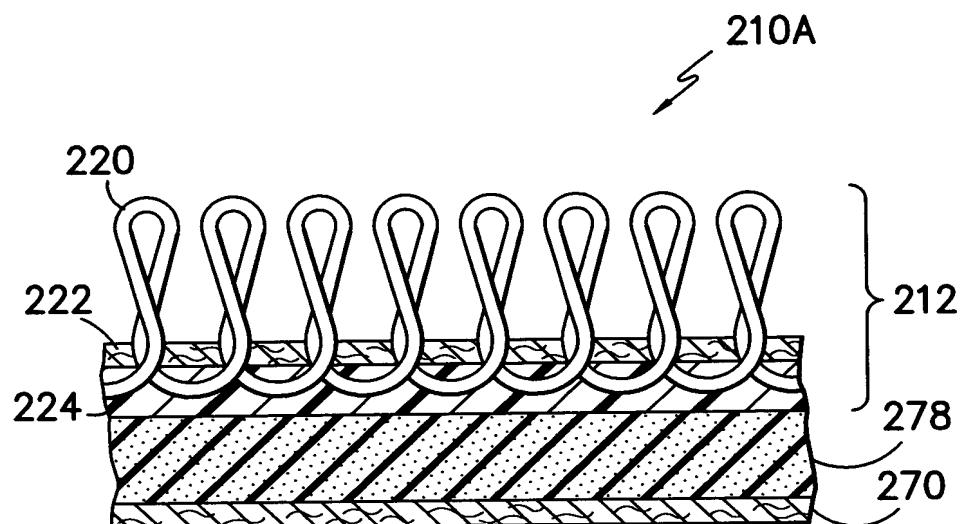


*FIG. -3A-*

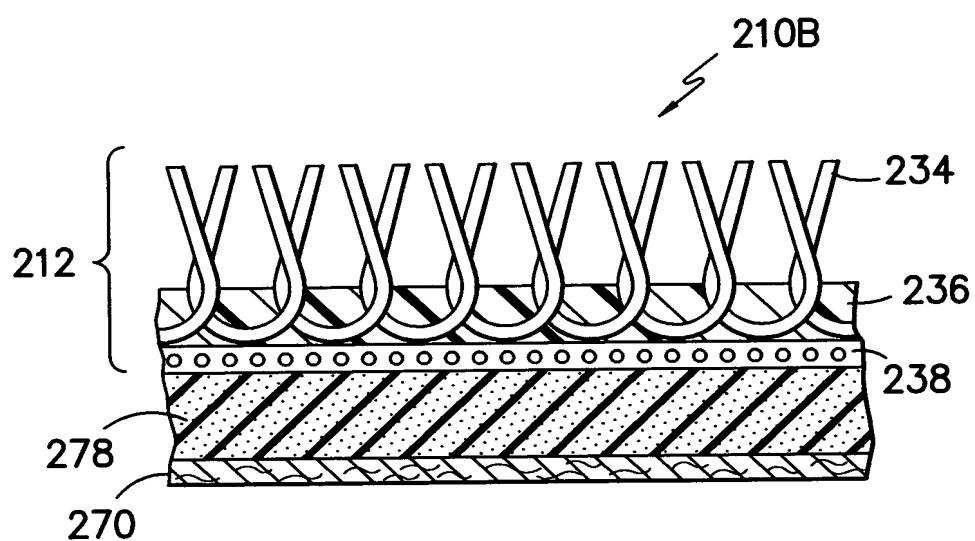


*FIG. -3B-*

CASE 2159A  
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*FIG. -4A-*



*FIG. -4B-*

CASE 2159A  
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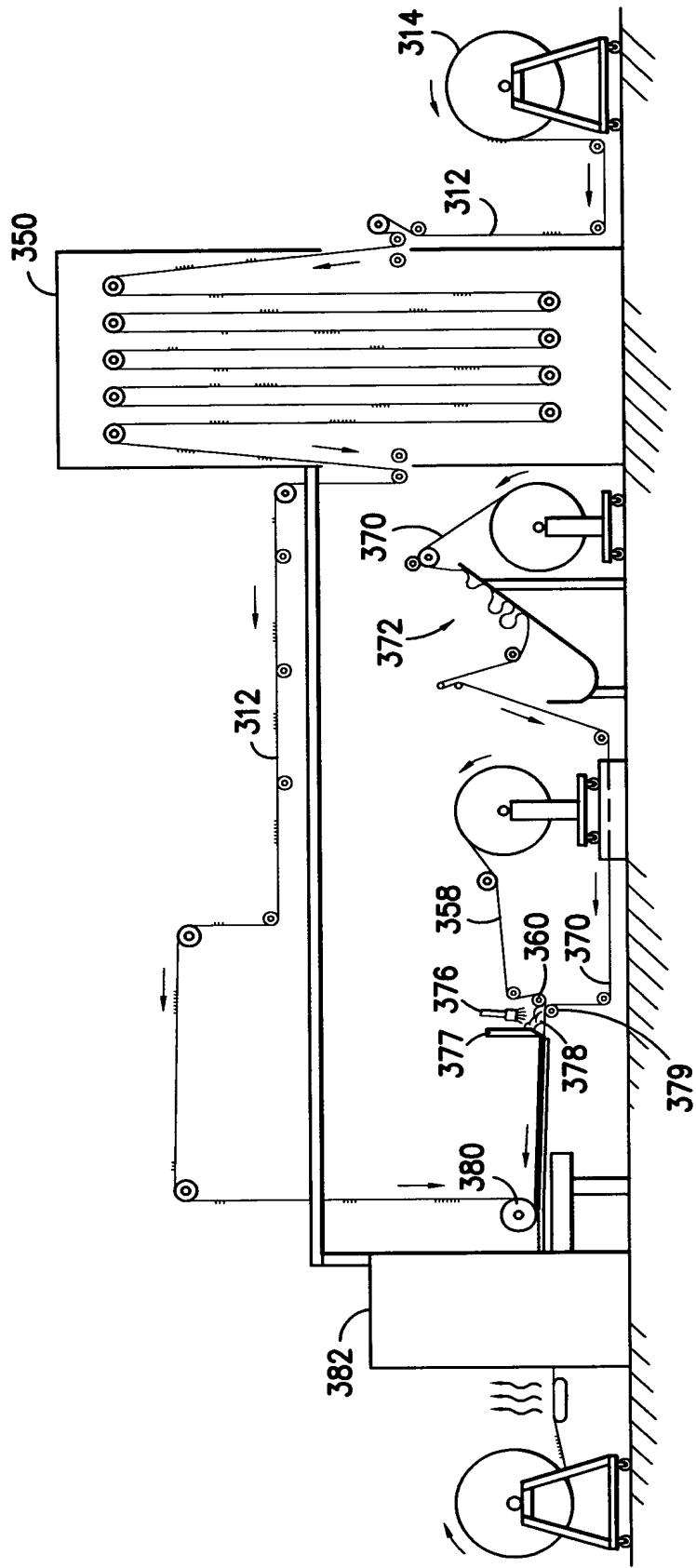


FIG. -5-

CASE 2159A  
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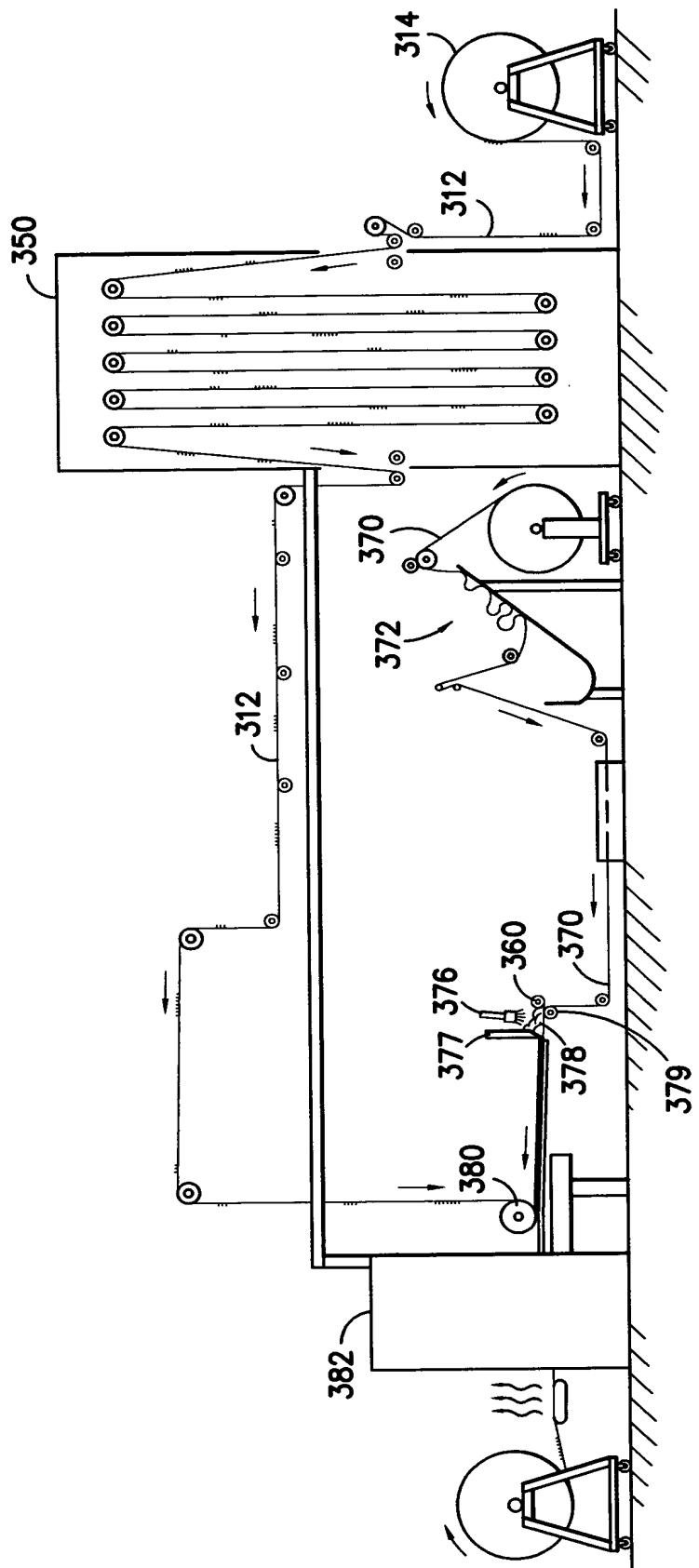
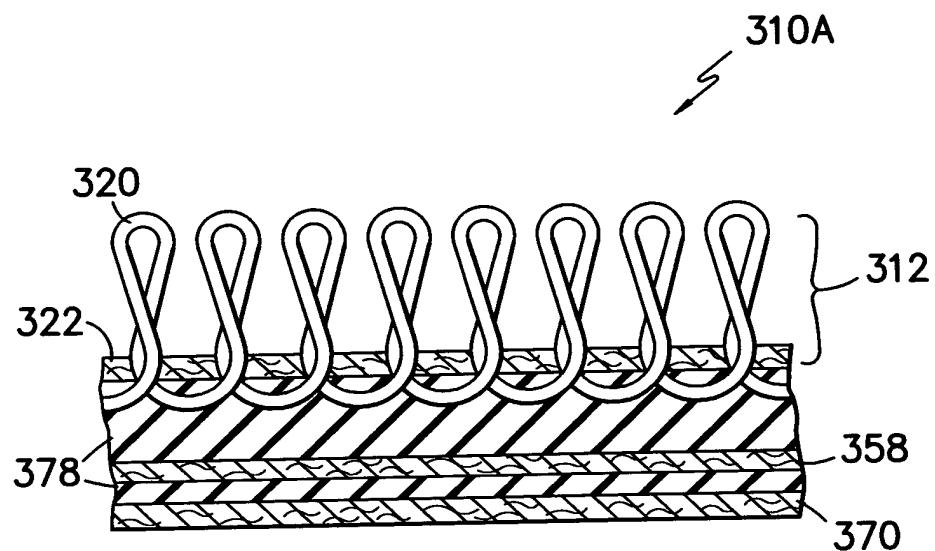
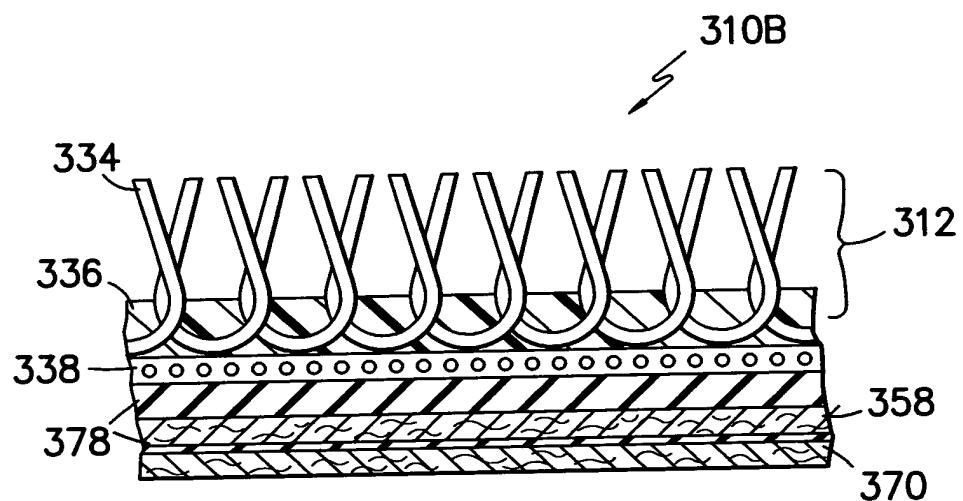


FIG. -5A-

CASE 2159A  
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*FIG. -6A-*



*FIG. -6B-*

CASE 2159A  
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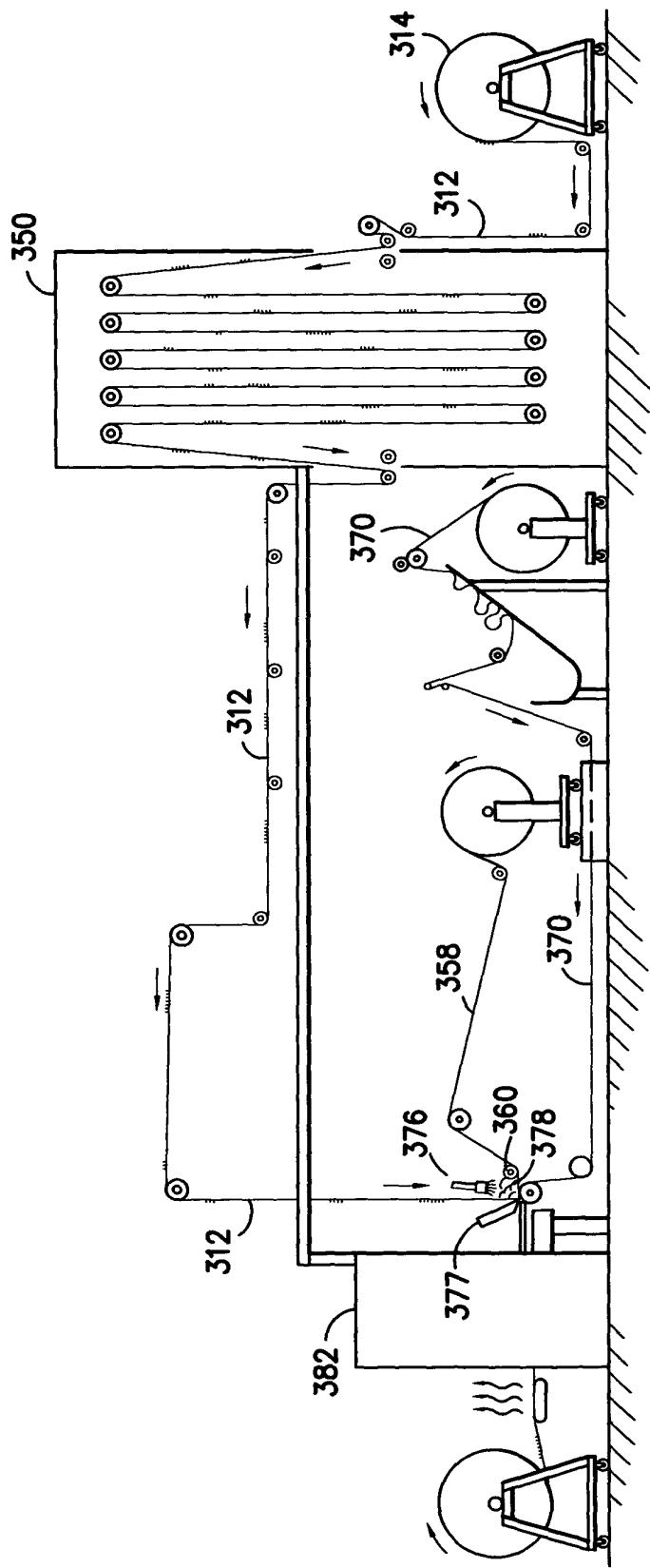
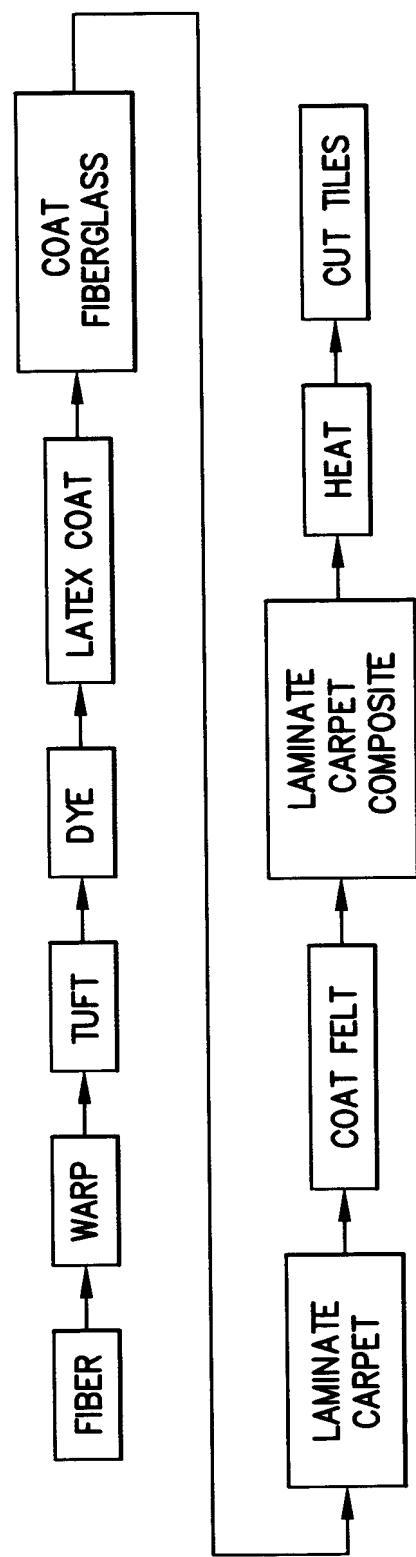


FIG. -7-

FIG. -8A-



FIG. -8B-



CASE 2159A  
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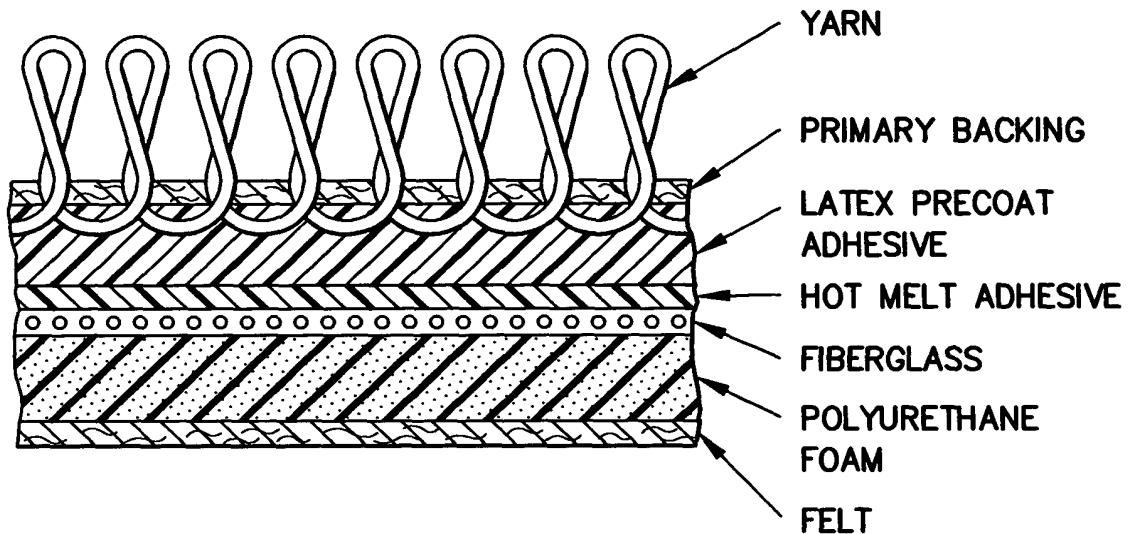
FIBER	FIBER	FILAMENT	DENIER	PLY	TWIST	AIR ENTANGLE	HEATSET
UPPER SETTING	NYLON T-6,6 OR T6	BCF	1700	3	4 x 4	YES	YES
MOST LIKELY SETTING	NYLON T-6,6 OR T6	BCF	1360	1	NONE	NONE	NONE
LOWER SETTING	POLYPROPYLENE	STAPLE	1120	1	NONE	NONE	NONE

WARP	ENDS
UPPER SETTING	1800
MOST LIKELY SETTING	1512
LOWER SETTING	576

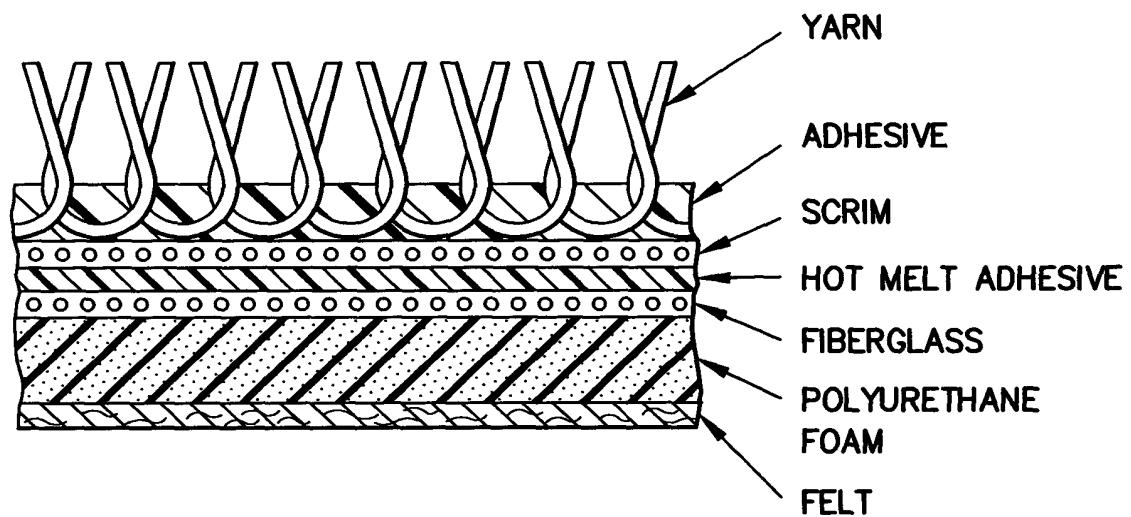
TUFT	TYPE	CREEL	GAUGE	PILE HEIGHT	STITCHES/in	PRIMARY BACKING	PRIMARY FIBER	TUFTED WEIGHT
UPPER SETTING	CUT	BEAM	5/64"	16/64"	18	NON-WOVEN	POLYESTER	15 oz/yd <sup>2</sup>
MOST LIKELY SETTING	LOOP	BEAM	1/10"	10/64 & 13/64	14.39	WOVEN	POLYPROPYLENE	12.34 oz/yd <sup>2</sup>
LOWER SETTING	LOOP	CREEL	1/8"	8/64"	10	WOVEN	POLYPROPYLENE	8 oz/yd <sup>2</sup>
DYE	SCOUR	VACUUM	WET OUT	DESIGN	STEAM	WASH	FLUOROCHEM	DRY
UPPER SETTING	H <sub>2</sub> O	180F	12 in Hg	100° wpu	DYE INJECTION	210F	H <sub>2</sub> O	0.16 oz/yd <sup>2</sup>
MOST LIKELY SETTING	H <sub>2</sub> O	155F	10 in Hg	80° wpu	DYE INJECTION	210F	H <sub>2</sub> O	0.08 oz/yd <sup>2</sup>
LOWER SETTING	H <sub>2</sub> O	120F	6 in Hg	50° wpu	Tufted DESIGN	210F	H <sub>2</sub> O	0.04 oz/yd <sup>2</sup>
COAT	LATEX TYPE	LATEX ADD ON	LATEX OVEN	HOTMELT ADHESIVE	FIBERGLASS	POLYURETHANE ADD ON	POLYURETHANE THICKNESS	POLYURETHANE DENSITY
UPPER SETTING	SBR	20 oz/yd <sup>2</sup>	320F	50 oz/yd <sup>2</sup>	4 oz/yd <sup>2</sup>	30 oz/yd <sup>2</sup>	0.12 INCHES	18 lb/ft <sup>2</sup>
MOST LIKELY SETTING	SBR	16 oz/yd <sup>2</sup>	300F	42 oz/yd <sup>2</sup>	2 oz/yd <sup>2</sup>	20 oz/yd <sup>2</sup>	0.06 INCHES	16 lb/ft <sup>2</sup>
LOWER SETTING	EVA	12 oz/yd <sup>2</sup>	280F	36 oz/yd <sup>2</sup>	1.5 oz/yd <sup>2</sup>	10 oz/yd <sup>2</sup>	0.04 INCHES	14 lb/ft <sup>2</sup>
COAT	CONSTRUCTION	FELT FIBER	CURE	360F	tile size			
UPPER SETTING	NON-WOVEN	POLYSETER	330F	1 METER				
MOST LIKELY SETTING	NON-WOVEN	PE & PP	300F	36 INCH				
LOWER SETTING	WOVEN	POLYPROPYLENE		18 INCH				

FIG. — 9 —

CASE 2159A  
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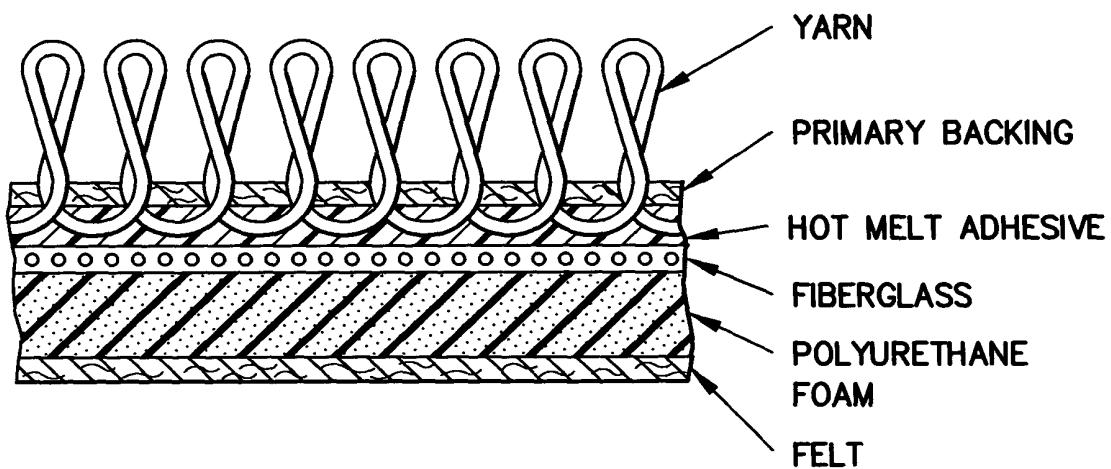


*FIG. -10A-*

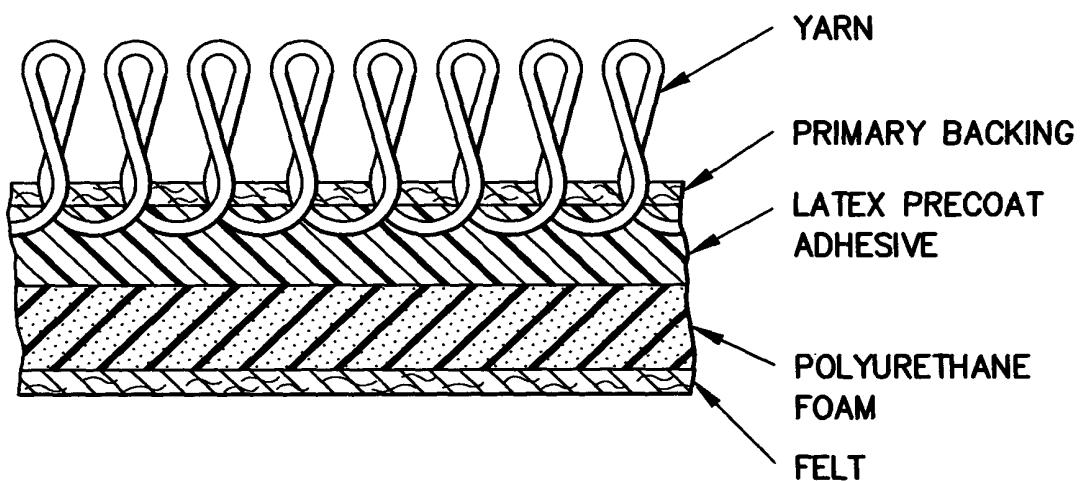


*FIG. -10B-*

CASE 2159A  
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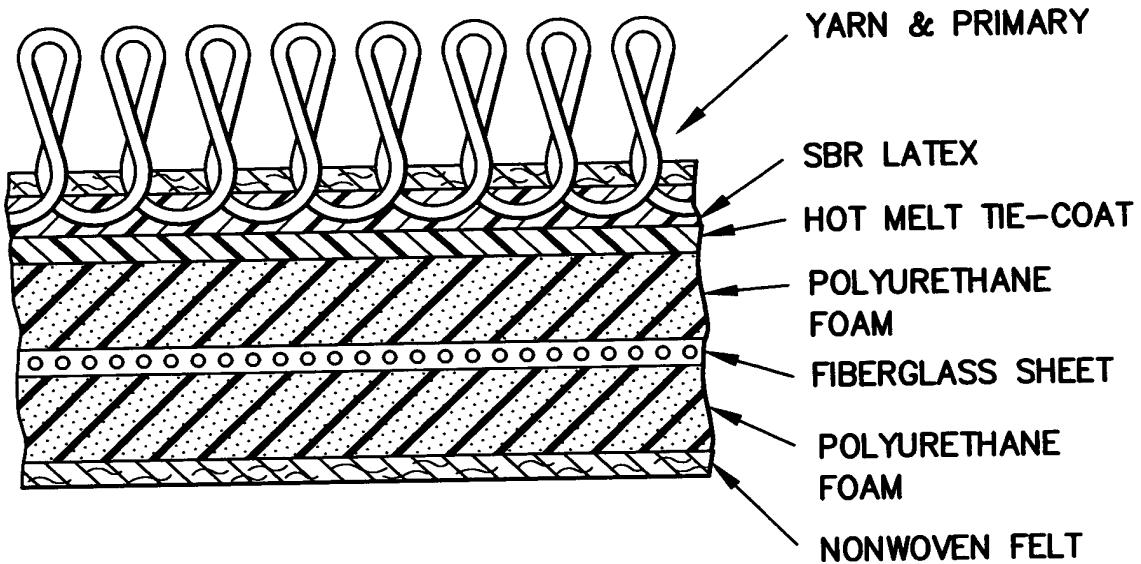


*FIG. -11-*

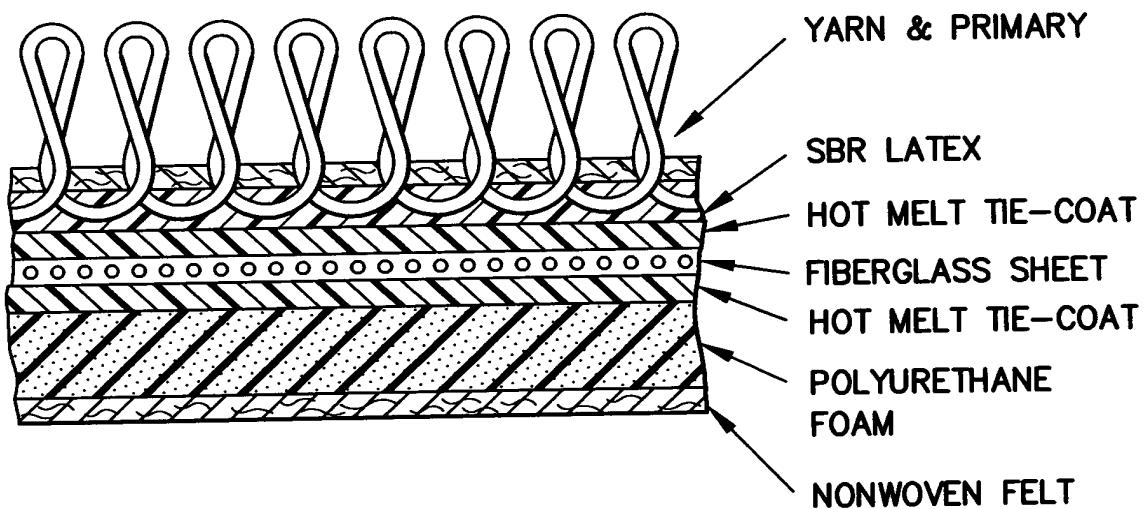


*FIG. -12-*

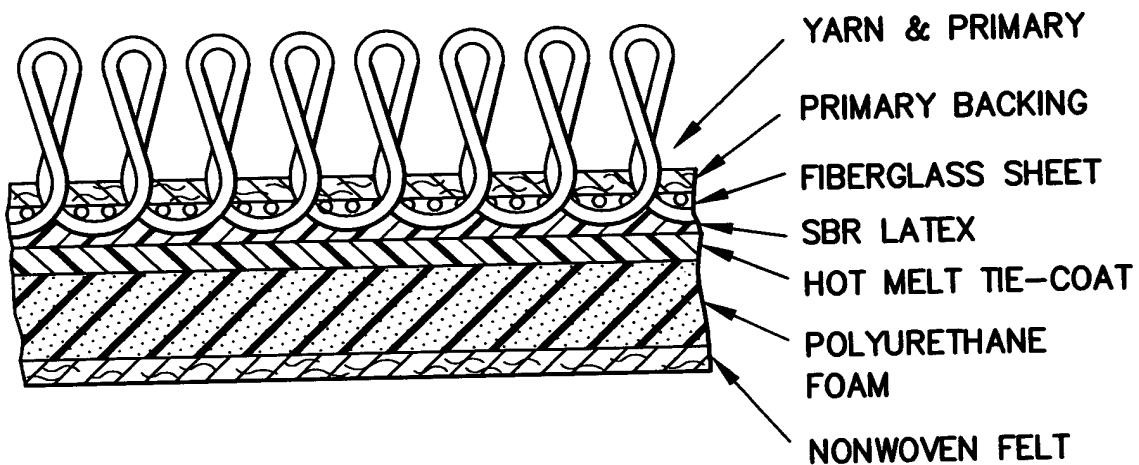
CASE 2159A  
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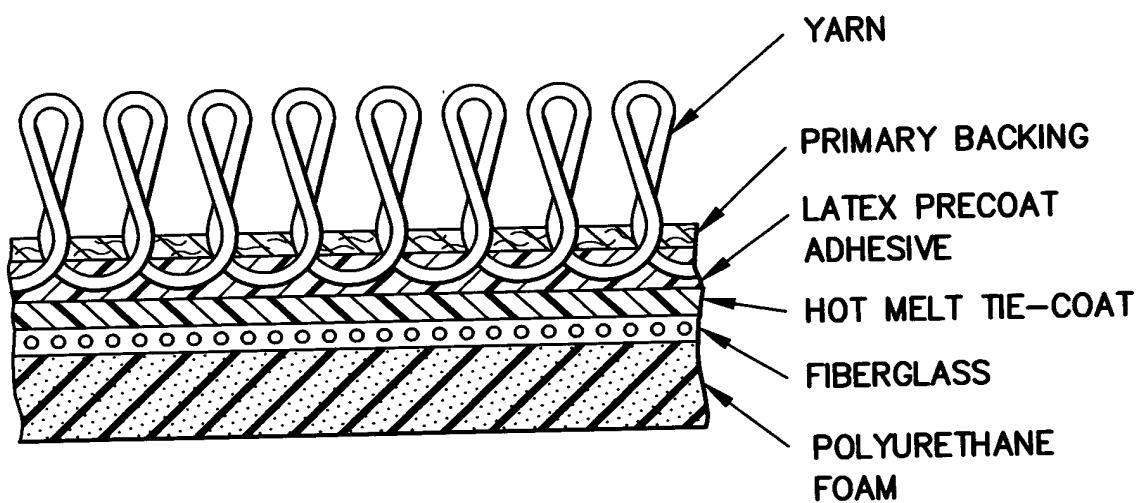
*FIG. -13-*



*FIG. -14-*

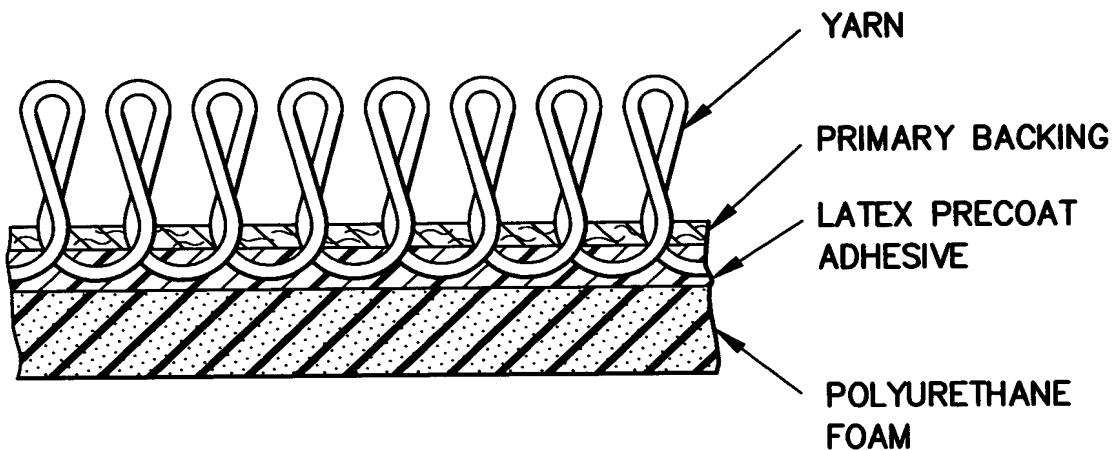


*FIG. -15-*

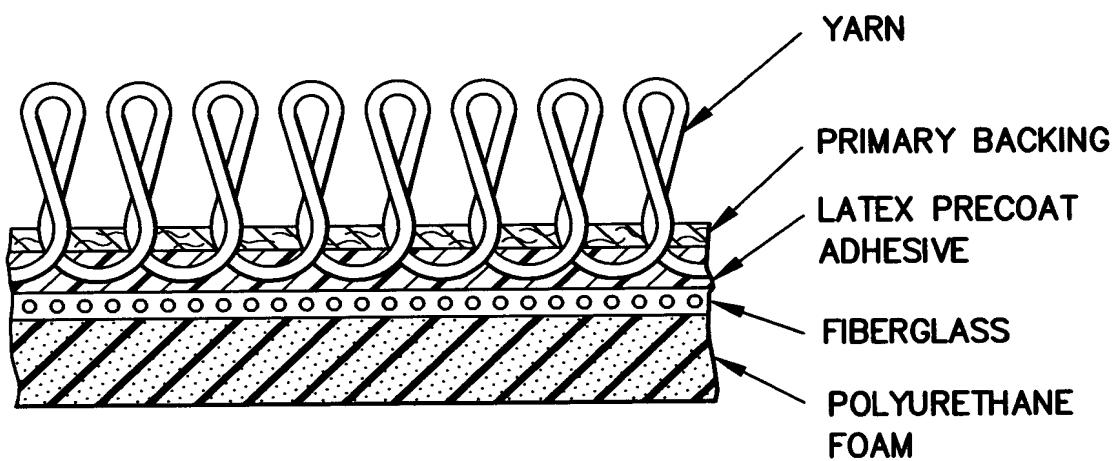


*FIG. -16-*

CASE 2159A  
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*FIG. -17-*



*FIG. -18-*

CASE 2159A  
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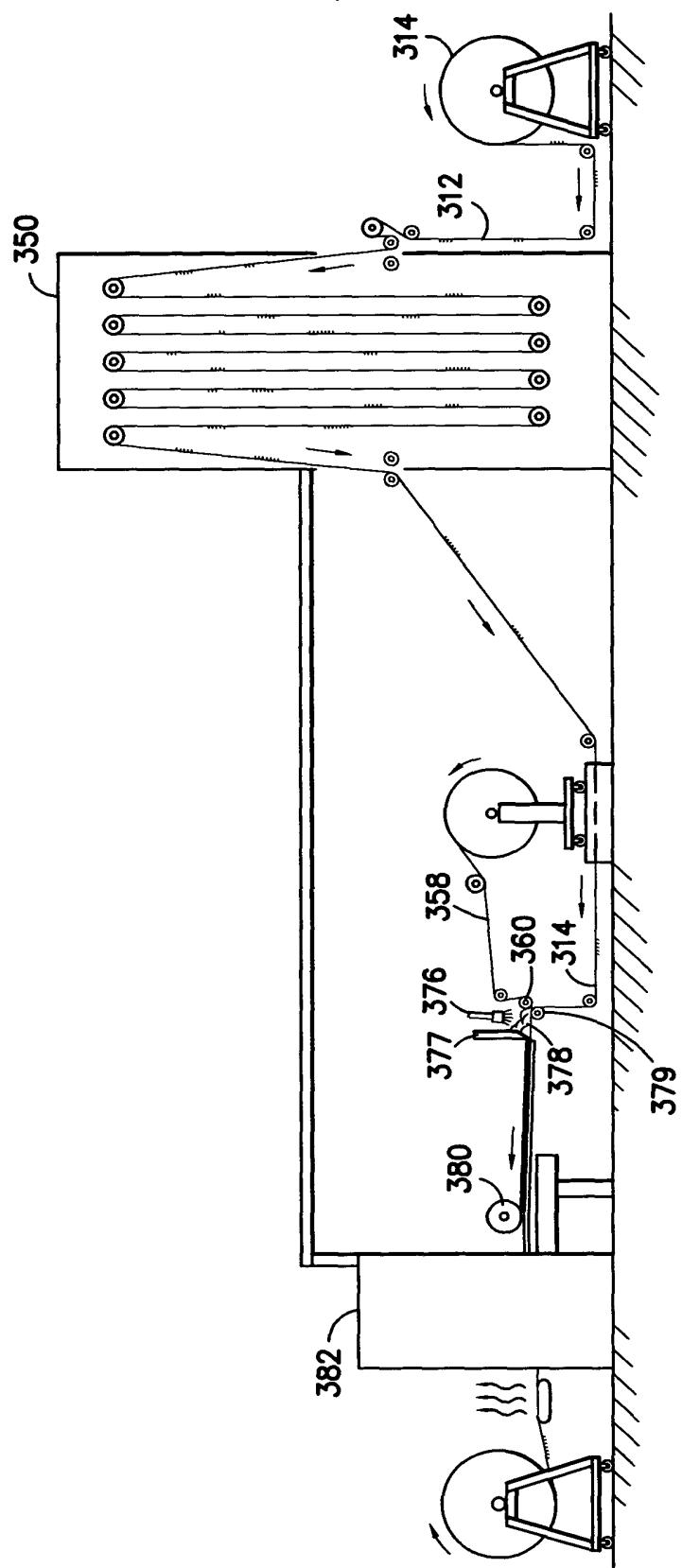


FIG. -19-

CASE 2159A  
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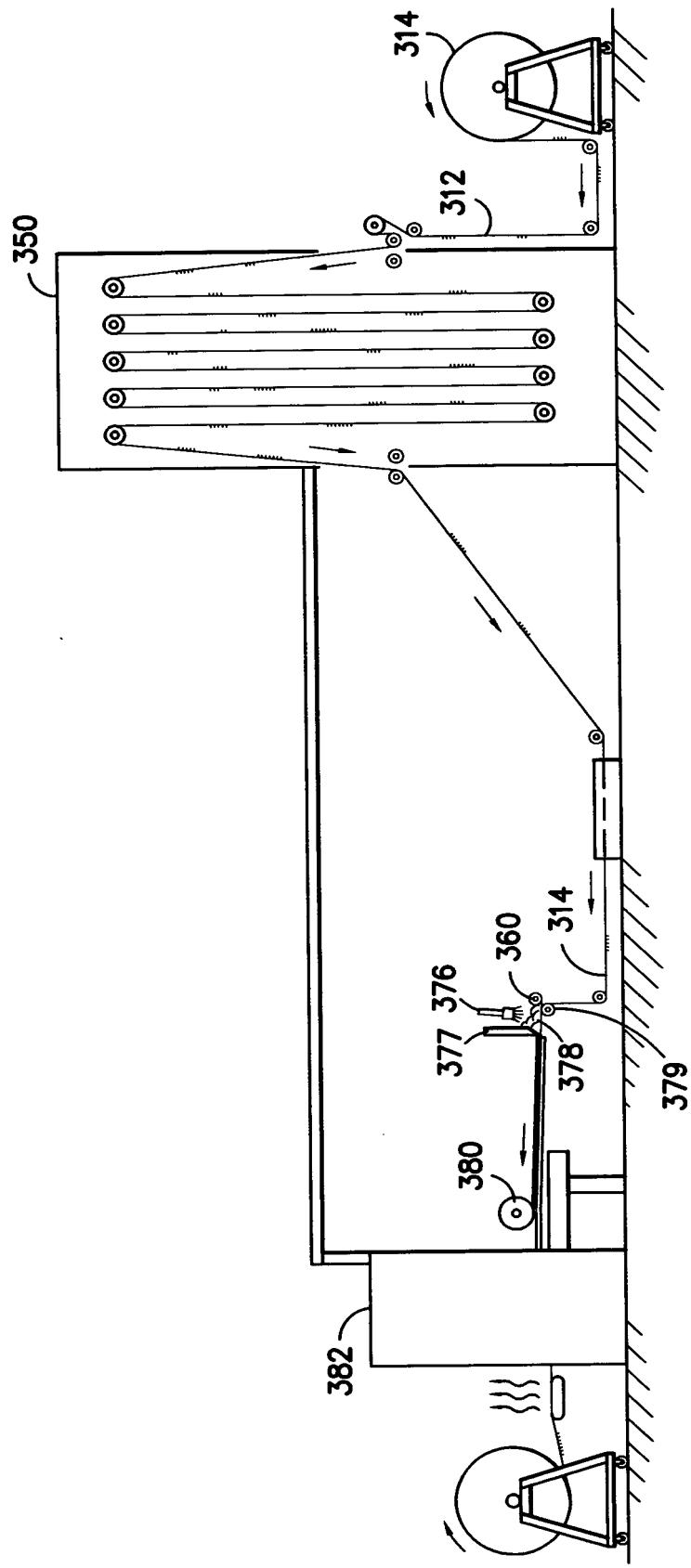


FIG. -19A-

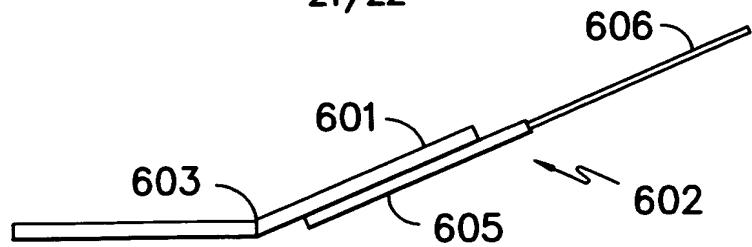
CASE 2159A  
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A diagram showing a large rectangular frame containing a 5x5 grid of smaller rectangles. The grid is divided into four quadrants by a vertical and a horizontal line. The top-left quadrant contains the number 10. The other four quadrants are empty. To the right of the grid, the number 500 is written with a curved arrow pointing towards it.

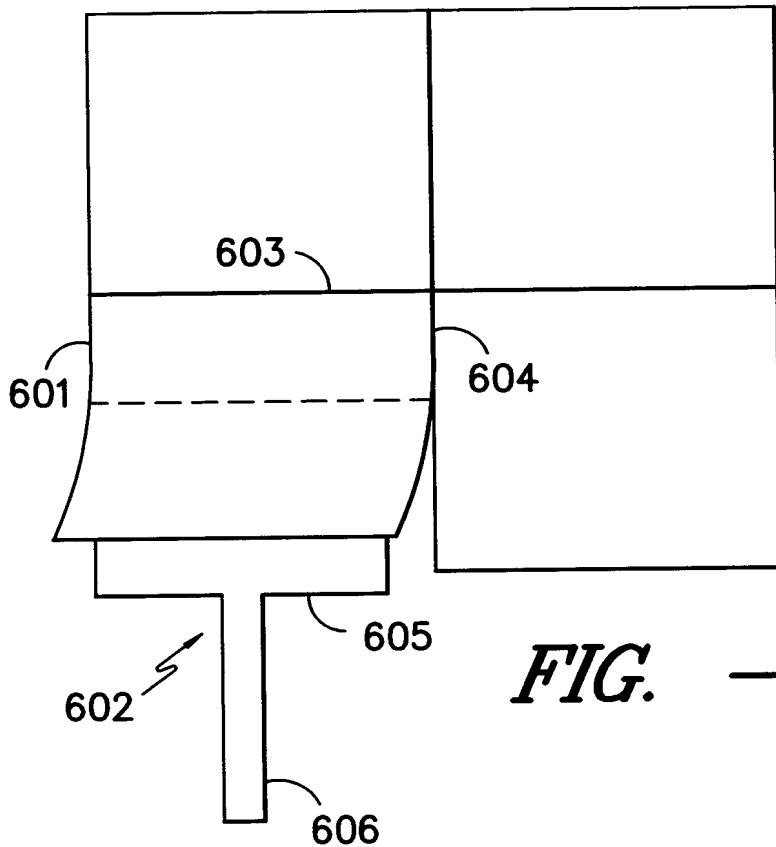
a				
d	10	b		
c				
a				
d	9	b	d	a
c			c	b
a				
d	8	b	d	a
c			c	b
a				
d	7	b	d	a
c			c	b

*FIG. -20-*

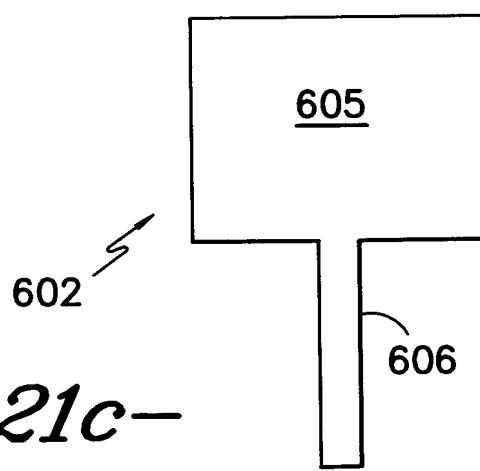
CASE 2159A  
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*FIG. -21a-*

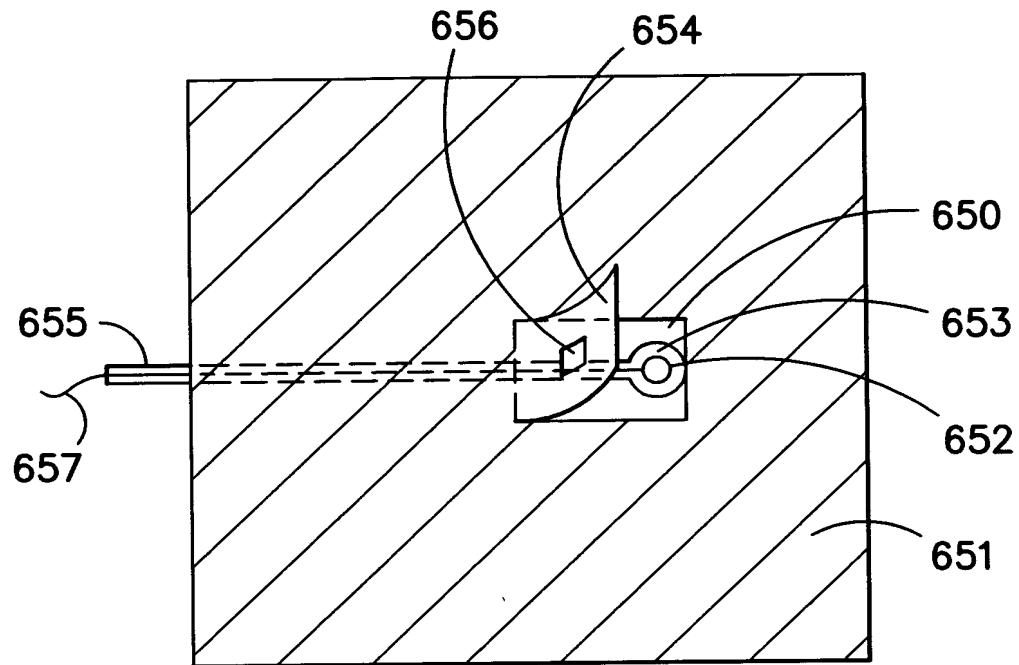


*FIG. -21b-*

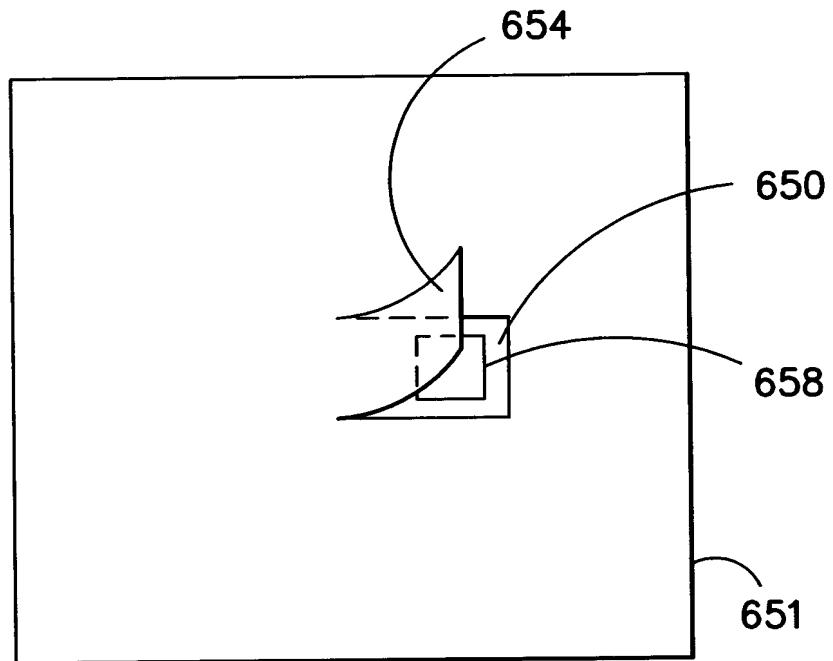


*FIG. -21c-*

CASE 2159A  
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*FIG. -22-*



*FIG. -23-*